

ل ةهجولا ةددعتم ةرجشلا طي طخت FTag

تا يوت حمل

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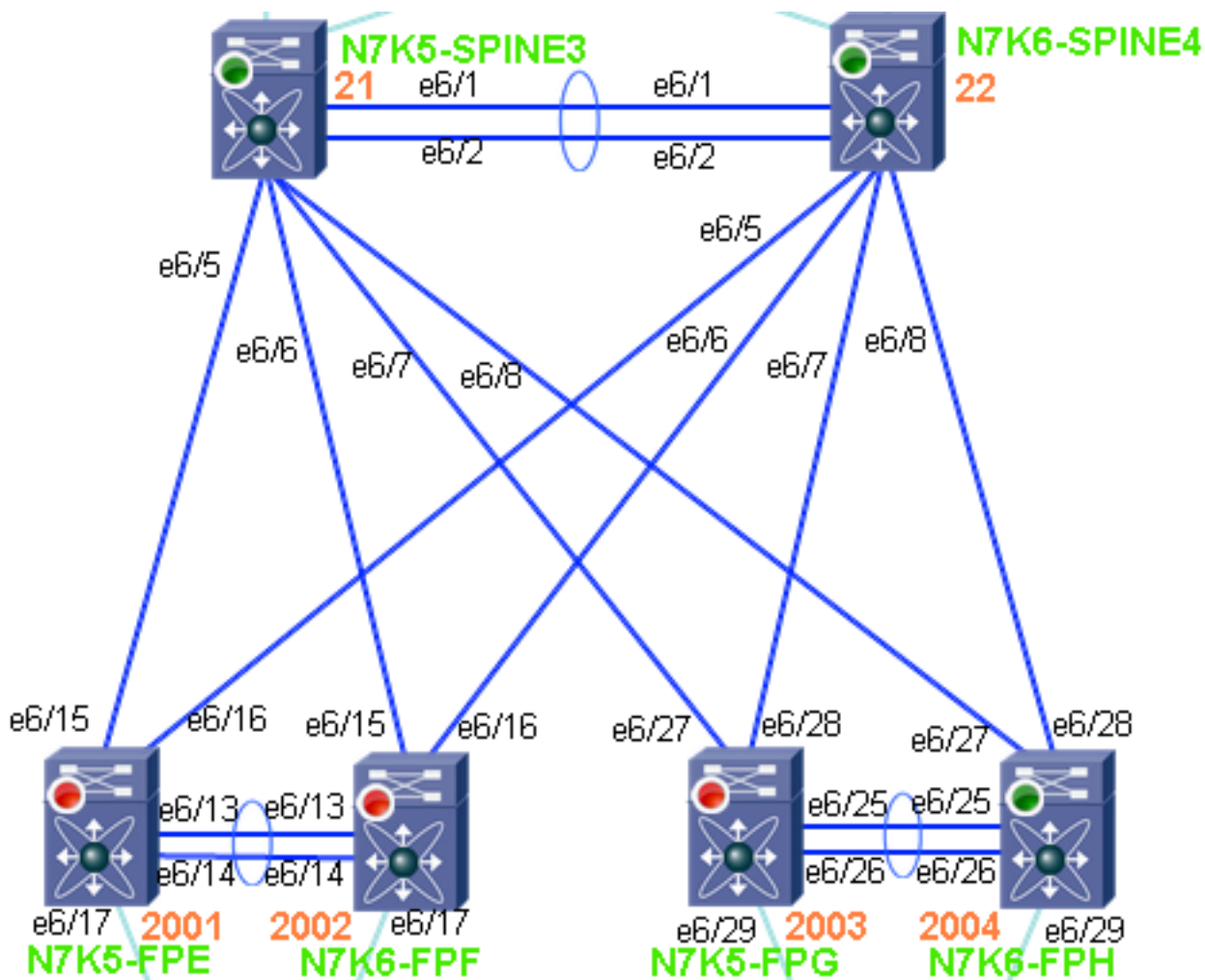
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[ل ةهجولا ةددعتم ةرجشلا طي طخت](#)

ةمدقملا

ةني عم هي جوت ةداع | ةمالعل ةهجولا ةددعتم ةرجشلا طي طخت ةي فيك دن تسمل اذ ه حضوي ل ةهجولا ةددعتم ةمزل عقوت ملا قفدتلا عابتا كل حيتي اذ ه. فTag FabricPath طخم ي (FTag) ةرجش ني عتب موقتو FabricPath N7K5-FPE ةفاح لوح نم أدبت ، لامل اذ ه ي. ني عم FTag طخم ملا اذ ه ي لامل FabricPath لاجم طخم ضرع متي . 1 FTag



ةيساسألا تابلطت ملا

21	6c9c.ed4f.28c3	Primary	Confirmed	Yes	No
22	6c9c.ed4d.d943	Primary	Confirmed	Yes	No
201	6c9c.ed4f.28c4	Primary	Confirmed	No	Yes
201	6c9c.ed4d.d944	Primary	Confirmed	No	Yes
202	6c9c.ed4f.28c5	Primary	Confirmed	No	Yes
202	6c9c.ed4d.d945	Primary	Confirmed	No	Yes
*2001	6c9c.ed4f.28c4	Primary	Confirmed	Yes	No
2002	6c9c.ed4d.d944	Primary	Confirmed	Yes	No
2003	6c9c.ed4f.28c5	Primary	Confirmed	Yes	No
2004	6c9c.ed4d.d945	Primary	Confirmed	Yes	No

Total Switch-ids: 10

2. switch-id 21 وه FTag رذج نإف، جإخإلإ للاثم يف حضورم وه امك. FTag ةمقي رذج فيرعت.

N7K5-FPE# **show fabricpath isis topology summ**

Fabricpath IS-IS domain: default FabricPath IS-IS Topology Summary

MT-0

Configured interfaces: Ethernet6/15 Ethernet6/16 port-channel1

Number of trees: 2

Tree id: 1, ftag: 1 [transit-traffic-only], root system: 6c9c.ed4f.28c3, 21

Tree id: 2, ftag: 2, root system: 6c9c.ed4d.d943, 22

3. 21 لوحملا فرعم ىلى لوصولل FabricPath راسم ددح.

N7K5-FPE# **show fabricpath route switchid 21**

FabricPath Unicast Route Table

'a/b/c' denotes ftag/switch-id/subswitch-id

'[x/y]' denotes [admin distance/metric]

ftag 0 is local ftag

subswitch-id 0 is default subswitch-id

FabricPath Unicast Route Table for Topology-Default

1/21/0, number of next-hops: 1

via Eth6/15, [115/40], 10 day/s 20:49:54, isis_fabricpath-default

4. لوحملا FabricPath راسم دي دحتل ةيناث ةقيرط مدختسأ. ةثلاثل ةوطخلل لي دب اذه.

N7K5-FPE# **show fabricpath isis trees multidestination 1**

Fabricpath IS-IS domain: default

Note: The metric mentioned for multidestination tree is from the root of that tree to that switch-id

MT-0

Topology 0, Tree 1, Swid routing table

21, L1

via Ethernet6/15, metric 0

22, L1

via Ethernet6/15, metric 20

201, L1

via Ethernet6/15, metric 40

202, L1

via Ethernet6/15, metric 40

2002, L1

via Ethernet6/15, metric 40

2003, L1

via Ethernet6/15, metric 40

2004, L1

via Ethernet6/15, metric 40

5. زاهجلا اذه لىلى Telnet جم انربو، 6/15 رواجملا تنرثي زاهج ضرع.

N7K5-FPE# **show cdp neighbors int e6/15 detail**

Device ID:N7K5-SPINE3 (JAF1620ABAB)

System Name: N7K5-SPINE3

Interface address(es):

IPv4 Address: 14.2.36.51

Platform: N7K-C7009, Capabilities: Router Switch IGMP Filtering Supports-STP-Dispute

```

Interface: Ethernet6/15, Port ID (outgoing port): Ethernet6/5
Holdtime: 149 sec
Version:
Cisco Nexus Operating System (NX-OS) Software, Version 6.1(1)
Advertisement Version: 2
Native VLAN: 1
Duplex: full
MTU: 1500
Mgmt address(es):
IPv4 Address: 14.2.36.51

```

6. FTاg 1 ل رذجال ك ل م ي ن م ى ل ع ق فاوي N7K5-SPINE3 نأ ن م ق ق ح ت .

```

N7K5-SPINE3# show fabricpath isis topology summary
Fabricpath IS-IS domain: default FabricPath IS-IS Topology Summary
MT-0
  Configured interfaces: Ethernet6/5 Ethernet6/6 Ethernet6/7 Ethernet6/8 port-channel1
  Number of trees: 2
    Tree id: 1, ftag: 1, root system: 6c9c.ed4f.28c3, 21
    Tree id: 2, ftag: 2, root system: 6c9c.ed4d.d943, 22

```

7. ك ر ح ت ل ا ل ى ل ا ة ج ا ح ب ت ن ك ا ذ ا و ا ، ر ذ ج ا ل و ه ت ن ك ا ذ ا ا م ا د ي د ح ت ل ي ل ح م ل ل و ح م ل ا ف ر ع م ن م ق ق ح ت . 2 ة و ط خ ل ا ن م ا ذ ه ف ر ع ت ت ن ا . 21 switch-id و ه م ا ظ ن ل ا ا ذ ه ن ا ج ا ر خ ل ا ل ا ل ا م ح ص و ي . ر ذ ج ا ل و ح ن 1 FTاg ل ر ذ ج ا ل و ه و . 6 ة و ط خ ل ا و

```

N7K5-SPINE3# show fabricpath switch-id
                        FABRICPATH SWITCH-ID TABLE
Legend: '*' - this system
=====
SWITCH-ID      SYSTEM-ID      FLAGS      STATE      STATIC      EMULATED
-----+-----+-----+-----+-----+-----
*21             6c9c.ed4f.28c3  Primary    Confirmed  Yes         No
 22             6c9c.ed4d.d943  Primary    Confirmed  Yes         No
 201            6c9c.ed4f.28c4  Primary    Confirmed  No          Yes
 201            6c9c.ed4d.d944  Primary    Confirmed  No          Yes
 202            6c9c.ed4f.28c5  Primary    Confirmed  No          Yes
 202            6c9c.ed4d.d945  Primary    Confirmed  No          Yes
 2001           6c9c.ed4f.28c4  Primary    Confirmed  Yes         No
 2002           6c9c.ed4d.d944  Primary    Confirmed  Yes         No
 2003           6c9c.ed4f.28c5  Primary    Confirmed  Yes         No
 2004           6c9c.ed4d.d945  Primary    Confirmed  Yes         No
Total Switch-ids: 10

```

8. ر ا ط ا ه ي ج و ت د ي ع ي ه ن ا ف ي ك ى ر ت ن ا ج ا ت ح ت ت ن ا ف ، ر ذ ج ا ل و ه N7K5-SPINE3 ن ا ف ر ع ت ك ن ا م ب . ة د ا ع ا ب N7K5-SPINE3 م و ق ت ، ج ا ر خ ل ا ل ا ذ ه ل ا ا د ا ن ت س ا . 1 FTاg ع م م ل ت س ي ة ه ج و ل ا د د ع ت م 1 FTاg ع م ة ه ج و ل ا د د ع ت م ر ا ط ا ه ي ج و ت و P o r t - c h a n n e l 1 و E T H 6 / 5 - E T H 6 / 8 ل ا ل 1 FTاg ع م ة ه ج و ل ا د د ع ت م ر ا ط ا ه ي ج و ت

```

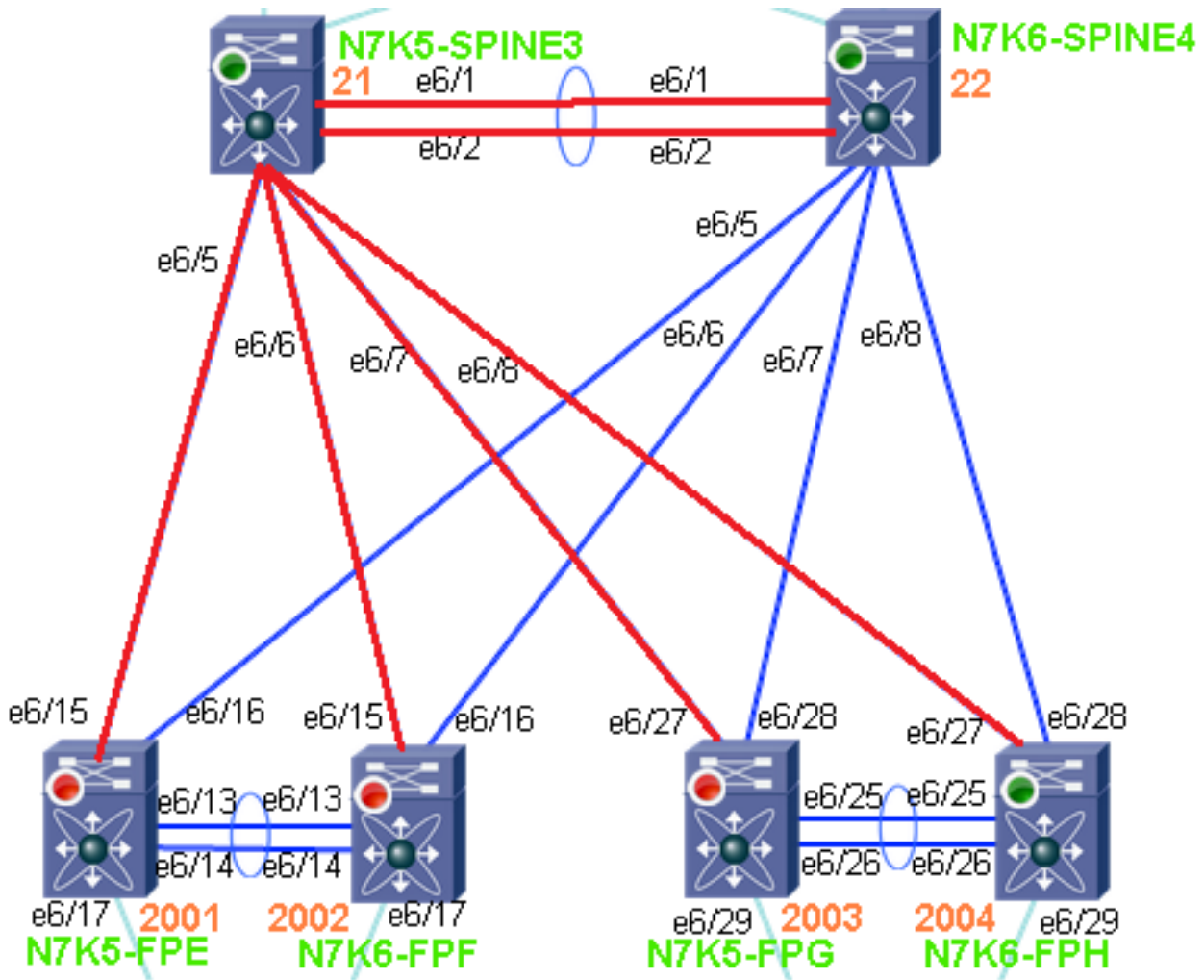
N7K5-SPINE3# show fabricpath isis trees multideestination 1
Fabricpath IS-IS domain: default
Note: The metric mentioned for multideestination tree is from the root of that tree to that switch-id

MT-0
Topology 0, Tree 1, Swid routing table
22, L1
  via port-channel1, metric 20
201, L1
  via Ethernet6/6, metric 40
202, L1
  via Ethernet6/8, metric 40
2001, L1
  via Ethernet6/5, metric 40
2002, L1
  via Ethernet6/6, metric 40
2003, L1
  via Ethernet6/7, metric 40
2004, L1

```

via Ethernet6/8, metric 40

زارب امتي 1. FTag ل ةهولا ةدعتم ةرجشلا بحسل اهعجب تمق يتلا تامولعمل امدختسأ
طاطخلما اذه يف عارمحل ااطابترالا ةطساوب 1 FTag ل ةهولا ةدعتم ةرجشلا



رمألا عجرم:

```
show fabricpath isis topology summary
```

```
show fabricpath isis trees multidestination <ftag>
```

```
show fabricpath route switchid <switch-id>
```

```
show fabricpath switch-id
```

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا اذ ه Cisco ت مچرت
م ل ا ل ا ا ن ا ع مچ ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل و
ا م ك ة ق ي ق د ن و ك ت ن ل ة ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا ة ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا